

### AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled. The listing of claims will replace all prior versions, and listing of claims in the application.

#### Listing of Claims

1. **(Currently Amended)** A method for ultraviolet (UV) liquid disinfection, the method comprising:  
  
providing a stream of liquid to be disinfected by UV-radiation, said liquid including contaminants ~~that are not transparent to said UV-radiation;~~  
and  
  
disinfecting the stream of liquid by directing, within said stream of liquid, said UV-radiation at an angular orientation that enables ~~such that~~ the liquid to be disinfected to serve ~~serves~~ as a flowing liquid wave guide for the UV-radiation using total internal refraction, ~~wherein said UV-radiation is not converted into heat or sonic or ultrasonic pulses at a distal end of said stream of liquid.~~
2. - 3. (Cancelled)
4. (Original) The method of Claim 1, wherein said UV-radiation is generated by a laser source.
5. - 15. (Cancelled)
16. (Previously Presented) The method of Claim 1, wherein said liquid having a refractive index greater than a refractive index of the surrounding.
17. (Previously Presented) The method of Claim 1, wherein the UV-radiation being UVA-radiation, UVB-radiation or UVC-radiation.
18. (Previously Presented) The method of claim 1, wherein the liquid being water or wastewater.